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-38-

ABSTRACTof the DisclosureImprovements in or relating to field howitzers

A light weight field howitzer includes a  
5 barrel (101) which is supported by a cradle constructed  
from hollow members (119, 119A) and which is pivotally  
mounted about a trunnion bearing (113) secured to a  
chassis (117). The trunnion bearing (113) lies on the  
barrel axis and is positioned beyond the limit of  
10 maximum recoil of the barrel. Front stabilisers and  
rear trail support legs are provided to spread the load  
of the howitzer and spades are rigidly secured to the  
chassis (117). The howitzer includes a single  
hydraulic accumulator arrangement  
D 15 (136, 177, 185, 130, 189, 119) constituting a combined  
recoil buffer and recuperator system. A barrel  
elevating means is provided comprising a geared manual  
means (115, 116, 153, 149, 139) assisted by a precompressed  
gas system (114, 119A).

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